	Application No.	Applicant(s)
Notice of Allowability	09/829,747	SIMON, JONATHAN S.
	Examiner	Art Unit	
	Sean E Vincent	1731	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *terminal disclaimer filed August 15, 2003*.

2. ☒ The allowed claim(s) is/are *1-8*.

3. ☒ The drawings filed on *20 July 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All   b)☐ Some*   c)☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

     * Certified copies not received: _____ .

5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

     (a)☐ The translation of the foreign language provisional application has been received.

6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

8. ☐ CORRECTED DRAWINGS must be submitted.

     (a)☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1)☐ hereto or 2)☐ to Paper No. _____ .

     (b)☐ including changes required by the proposed drawing correction filed _____ , which has been approved by the Examiner.

     (c)☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1☐ Notice of References Cited (PTO-892)
2☐ Notice of Informal Patent Application (PTO-152)
3☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
4☐ Interview Summary (PTO-413), Paper No._____ .
5☐ Information Disclosure Statements (PTO-1449), Paper No. _____ .
6☒ Examiner's Amendment/Comment
7☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
8☐ Examiner's Statement of Reasons for Allowance
9☐ Other .

Terminal Disclaimer

1.   The terminal disclaimer filed on August 15, 2003 disclaiming the terminal portion of any

patent granted on this application which would extend beyond the expiration date of 09/829746

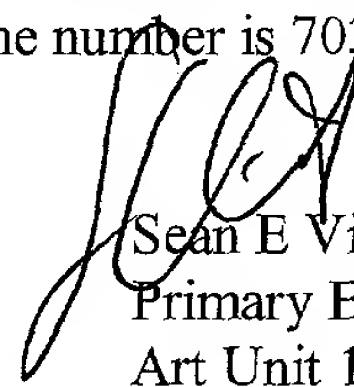and 09/829704 has been reviewed and is accepted. The terminal disclaimer has been recorded.

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

The application has been amended as follows:

The abstract has been rewritten as one paragraph (see attached page).

2.   Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Sean E Vincent whose telephone number is 703-305-3607. The
examiner can normally be reached on M - F (8:30 - 6:00) Second Monday Off.

3.   If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Steven P Griffin can be reached on 703-308-1164. The fax phone number for the
organization where this application or proceeding is assigned is (703) 872-9306.

4.   Any inquiry of a general nature or relating to the status of this application or proceeding
should be directed to the receptionist whose telephone number is 703-308-0651.

Sean E Vincent
Primary Examiner
Art Unit 1731

S Vincent

ABSTRACT

A control for defining data for setting the times for controlled events in a glass forming machine which is controlled by a programmable sequencer which defines the time of a machine cycle. A computerized model of a mathematical representation of a network constraint diagram of the unwrapped bottle forming process is provided with computer analysis for analyzing the computerized model as a constrained optimization problem for determining, with inputs including the following: 1. the motion durations of each of the mechanisms from the retracted position to the advanced position and from the advanced position to the retracted position, 2. the submotion durations, 3. the machine cycle time, and 4. the time in an unwrapped bottle forming process for each displacement to begin and for each valve to be turned "on" and "off" and 5. the target time for an optimized machine cycle, the machine cycle time and the event times for an optimized process.